

Listing of Claims:

1. (Currently Amended) A method of verifying ~~the~~ an identity of ~~the~~ a sender of a telephone call over an Internet network, ~~said method~~ comprising the ~~following~~ steps of:

inserting into a field of a call set-up request frame an encrypted control code containing parameters relating to the identity of a telecommunications terminal from which the telephone call is sent;

decrypting, at a remote call management server, ~~decrypting~~ the encrypted control code;

comparing ~~at least one parameter~~ the parameters extracted from the decrypted control code with corresponding information stored in a database hosted in the management server; and

setting up the call as a function of the result of said comparison.

2. (Currently Amended) ~~[[A]]~~ The method according to claim 1, further ~~including a~~ comprising the step of:

comparing the parameters extracted from the decrypted control code with corresponding information extracted from the call set-up request frame.

3. (Currently Amended) ~~[[A]]~~ The method according to claim 1, wherein the information stored in the database includes an address identifying the telecommunications terminal.

4. (Currently Amended) [[A]] The method according to claim 3, wherein said information is transferred from the terminal to the database during a first call sent by the telecommunications terminal.

5. (Currently Amended) [[A]] The method according to claim 2, wherein the information extracted from the call set-up request frame includes the IP address of the telecommunications terminal and the calling number of the terminal.

6. (Currently Amended) [[A]] The method according to claim 1, wherein the encrypted control code is produced from an encrypted function of an address identifying the telecommunications terminal and the IP address of the telecommunications terminal.

7. (Currently Amended) [[A]] The method according to claim 6, wherein the IP address of the telecommunications terminal is sent by an Internet network access provider to a verification module associated with the telecommunications terminal.

8. (Currently Amended) [[A]] The method according to claim 2, wherein the information extracted from the call set-up request frame ~~include the~~ includes an IP address of a gateway ~~for which is configured to connect~~ connecting a private network to a telecommunications network and the calling number of the telecommunications terminal.

9. (Currently Amended) [[A]] The method according to claim 8, wherein the encrypted control code is produced from an encrypted function of the IP address identifying the telecommunications terminal and the IP address of the gateway.

10. (Currently Amended) [[A]] The method according to claim 8, wherein the IP address of the telecommunications terminal is sent by an Internet network access provider to a verification module associated with the gateway.

11. (Currently Amended) An installation for verifying ~~the~~ an identity of ~~the~~ a sender of a telephone call over an Internet network, ~~the installation~~ comprising:

a call management server ~~adapted~~ configured to ~~cause the setting-up~~ initiate set-up of a call between calling and called telecommunications terminals as a function of parameters contained in a call set-up request frame sent by the calling telecommunications terminal, ~~wherein~~ the management server ~~includes~~ comprising:

means for decrypting an encrypted control code inserted into the call set-up request frame, the encrypted control code containing parameters relating to the identity of the calling telecommunications terminal~~[[,]]~~; and

means for comparing ~~at least one parameter~~ the parameters extracted from the control code decrypted by the decrypting means with a corresponding code stored in a database hosted in the server to authorize the ~~setting-up~~ set-up of the call as a function of ~~the~~ a

result of the comparison.

12. (Currently Amended) [[An]] The installation according to claim 11, further ~~including~~
comprising:

means for comparing the parameters extracted from the decrypted control
code with corresponding information extracted from the call set-up request frame.

13. (Currently Amended) [[An]] The telecommunications terminal for an installation
according to claim 11, said telecommunications terminal including a verification module ~~adapted~~
which is configured to insert [[an]] the encrypted control code into [[a]] the call set-up request
frame.

14. (Currently Amended) A terminal according to claim 13, wherein the verification
module includes means for producing an encrypted function of the IP address identifying the
telecommunications terminal and the IP address of the telecommunications terminal.

15. (Currently Amended) [[A]] The terminal according to claim 13, wherein the
verification module includes means for producing an encrypted function of the IP address
identifying the telecommunications terminal and the IP address of a gateway for connecting a
local area network to a public telecommunications network.

16. (Currently Amended) [[A]] The method according to claim 9, wherein the IP address of the telecommunications terminal is sent by an Internet network access provider to a verification module associated with the gateway.